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synthase adj II and delta-9 and factor adj a and factor adj b	4

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DB=USPT; PLUR=YES; OP=OR

<u>L5</u>	L1 and beta adj ketoacyl and delta-9	0	<u>L5</u>
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<u>L1</u>	5723595	1	<u>L1</u>

LOCUS S77464 416 aa linear BCT 20-JUN-2000
 DEFINITION 3-oxoacyl-[acyl-carrier-protein] synthase (EC 2.3.1.41) beta chain
 - Synechocystis sp. (strain PCC 6803).
 ACCESSION S77464
 VERSION S77464 GI:7433748
 DBSOURCE pir: locus S77464;

summary: #length 416 #molecular-weight 44004 #checksum 1268
 ;
 genetic: #gene fabF
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 superfamily: 3-oxoacyl-[acyl-carrier-protein] synthase I;
 3-oxoacyl-[acyl-carrier-protein] synthase I homology
 ;
 PIR dates: 25-Apr-1997 #sequence_revision 25-Apr-1997 #text_change
 20-Jun-2000

KEYWORDS acyltransferase; fatty acid biosynthesis.
 SOURCE Synechocystis sp.
 ORGANISM Synechocystis sp.
 Bacteria; Cyanobacteria; Chroococcales; Synechocystis.
 REFERENCE 1 (residues 1 to 416)
 AUTHORS Kaneko,T., Sato,S., Kotani,H., Tanaka,A., Asamizu,E., Nakamura,Y.,
 Miyajima,N., Hirosawa,M., Sugiura,M., Sasamoto,S., Kimura,T.,
 Hosouchi,T., Matsuno,A., Muraki,A., Nakazaki,N., Naruo,K.,
 Okumura,S., Shimpo,S., Takeuchi,C., Wada,T., Watanabe,A.,
 Yamada,M., Yasuda,M. and Tabata,S.
 TITLE Sequence analysis of the genome of the unicellular cyanobacterium
 Synechocystis sp. strain PCC6803. II. Sequence determination of the
 entire genome and assignment of potential protein-coding regions
 JOURNAL DNA Res. 3 (3), 109-136 (1996)
 MEDLINE 97061201

FEATURES Location/Qualifiers
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 protein sll1069"
 Region 27..412
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 Site 167
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 /note="Cys"

ORIGIN
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 61 datqfldrke akrmdrfchf avcasqqain daklvineln adeigvligt gigglkvled
 121 qqtilldkgp srcspfmipm mianmasglt ainlgakgpn nctvtacaag snaigdafrl
 181 vqngyakami cggteaaitp lsyagfasar alsfrnddpl hasrpfdkdr dgfvmgegsg
 241 ilileelesa largakiyge mvgyamtcda yhitapvpdg rgatraiawa lkdsghlpem
 301 vsyinahgts tpandvtetr aikqalgnha yniavsstks mtghllggsg gieavatvma
 361 iaedkvptti nlenpdpecd ldypvgqsra livdvalsns fgfgghnvtl afkkyq

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